

Applicants : Hermann Franzen and Joachim Kröll
For : LIFTING DEVICE FOR CONTAINERS
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The listing of the claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

Please amend claims 1-5.

Please add claims 6-13 as follows:

1. (Currently Amended) ~~Lifting~~A lifting device (2) for containers (18), ~~especially ISO containers (18) which can be handled by means of container handling equipment (1), with,~~
said lifting device comprising:
 - at least one hydraulic cylinder (4) arranged on a support frame (3) with a piston and a piston rod (5), whose
 - at least two horizontal guiding cross-bars spaced apart from each other, wherein
lengthwise displacement of said piston rod is transformed into a synchronous upward and downward movement ~~of at least two horizontal guiding cross-bars (10a, 10b), spaced apart from each other, which are~~said horizontal guiding cross-bars connected to a load-receiving ~~means~~device for the container (18), ~~the~~said horizontal guiding cross-bars (10a, 10b) being guided on vertical beams of the support frame (3) at both ends, for the lifting and lowering of the container (18),
 - ~~characterized in that~~
 - ~~the~~wherein transformation of the lengthwise displacement of said piston rod into the upward and downward movement is accomplished by ~~means of~~at least one angle levers (7) ~~lever~~ pivoted on ~~the~~said support frame (3), with ~~said at least one angle lever comprising~~
two lever arms (6, 8) each, one lever arm (6) of one of the angle levers (7) of said lever arms being connected to ~~a~~said piston rod (5) and the other lever arm (8) of this angle lever (7) of ~~said lever arms~~
said lever arms being connected to ~~a~~one of said guiding ~~cross-bar (10a, 10b)~~cross-bars.
2. (Currently Amended) ~~Lifting~~The lifting device per ~~Claim~~claim 1 ~~characterized in that the~~
lever arm (6) of an angle lever (7), wherein said one of said lever arms connected to ~~the~~said
piston rod (5), is linked by ~~means of~~ a rod-shaped coupling element (12) to a lever arm (13)
of another angle lever (14), whose other lever arm (15) is connected to the other one of said

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~~guiding cross-bar (10a, 10b)~~cross-bars, such that ~~the respective traction means (16)~~devices
suspended from said guiding cross-bars move synchronously to each other in the vertical
direction.

3. (Currently Amended) ~~Lifting~~The lifting device per Claim 1 or claim 2, characterized in
~~that the~~wherein each of said guiding cross-bars (10a, 10b) ~~are each~~is connected by means of a
coupling rod (9a, 9b) to one of said lever arm (8, 15) arms.

4. (Currently Amended) ~~Lifting~~The lifting device according to one of Claims 1 to per claim
3, characterized in ~~that the~~wherein each of said guiding cross-bars (10a, 10b) ~~are each~~is
connected by means of a coupling rod (9a, 9b) to one of said lever arm (8, 15) arms on either
side of the middle of the cross-bar.

5. (Currently Amended) ~~Lifting~~The lifting device according to one of Claims 1 to per claim
4, characterized in ~~that the~~wherein said load-receiving ~~means~~device for the container (18) is
suspended in the form of a spreader (17) from ~~the~~said guiding cross-bars (10a, 10b) via
traction ~~means (16)~~devices.

6. (New) The lifting device per claim 1, wherein each of said guiding cross-bars is
connected by a coupling rod to one of said lever arms.

7. (New) The lifting device per claim 6, wherein each of said guiding cross-bars is connected
by a coupling rod to one of said lever arms on either side of the middle of the cross-bar.

8. (New) The lifting device per claim 7, wherein said load-receiving device for the
container is suspended in the form of a spreader from said guiding cross-bars via traction
devices.

9. (New) The lifting device per claim 2, wherein each of said guiding cross-bars is connected
by a coupling rod to one of said lever arms on either side of the middle of the cross-bar.

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10. (New) The lifting device per claim 9, wherein said load-receiving device for the container is suspended in the form of a spreader from said guiding cross-bars via traction devices.

11. (New) The lifting device per claim 1, wherein said load-receiving device for the container is suspended in the form of a spreader from said guiding cross-bars via traction devices.

12. (New) The lifting device per claim 2, wherein said load-receiving device for the container is suspended in the form of a spreader from said guiding cross-bars via traction devices.

13. (New) The lifting device per claim 3, wherein said load-receiving device for the container is suspended in the form of a spreader from said guiding cross-bars via traction devices.